

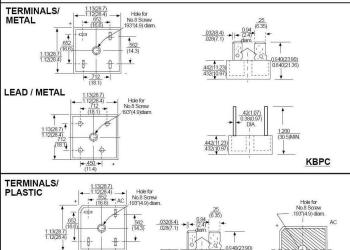
### KBPC/BR15/25/35/50 SERIES

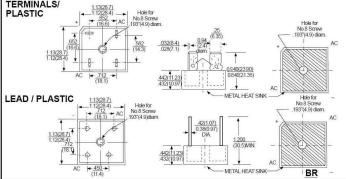
## SINGLE PHASE15/25/35/50 AMPS. SILICON BRIDGE RECTIFIERS

#### Voltage Range 50 to 1000 Volts Current 15/25/35/50 Amperes

#### **FEATURES**

- \*UL Recognized File # 230084
- \*Surge overload 200-400 Amperes peak
- \*Low forward voltage drop
- \*Mounting Position:Any
- \*Electrically isolated base-1800 Volts
- \*Solderable 0.25" FASTON terminals
- \*Materials used carries U/L recognition





#### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at  $25^{\circ}$ C ambient temperature unless otherwise specified. Resistive or inductive load 50Hz. For capacitive load current by 20%

		KBPC BR	KBPC BR	KBPC BR	KBP BR		KBPC BR	i	KBPC BR	KBF BF			
Type Number	15005	1501	1502	150	4	1506		1508	151	0	UNITS		
		25005	2501	2502	250	4	2506		2508	251	0		
			3501	3502	350	4	3506		3508	351	0		
		50005	5001	5002	500	5004 5006			5008		0		
Maximum Repetitive Peak Reverse Voltage	VRRM	50	100	200	400	0	600		800	100	0	V	
Maximum RMS Bridge Input Voltage	VRMS	35	70	140	280	0	420		560	700	0	V	
Maximum Average Forward Rectified Output Current @Tc = 55°C	lF(AV)	KBPC	15	KBPC	25	KBPC BR 35		35	KBP	С 5	0	А	
Peak Forward Surge Current 8.3ms single half sine-wave super imposed on rated load	IFSM	BR 15	300	BR 25	400			400	BR 50		00	Α	
Maximum Forward Voltage Drop per Leg at 7.5/12.5/17.5/25.0A Peak	VF	1.1										V	
Maximun Reverse Current at Rate DC Blocking Voltage per element @TA = 25°C	: IR	5										uA	
Operating Temperature Range Tc	TJ	-55 to+125										°C	
Storage Temperature Range TA	Tstg	-55 to+150											

NOTES: 1. Also available on KBPC 15W/25W/35W/50W series.

# RATING AND CHARACTERISTIC CURVES KBPC/BR 15/25/35/50 SERIES



